

**L.K INTERNATIONAL SCHOOL  
SYLLABUS (2024-25)  
CLASS XI SCIENCE**

SUBJECT/BOOK	UNIT I	HALF YEARLY+ UNIT I	UNIT II	ANNUAL (WHOLE SYLLABUS)
<b>ENGLISH</b>				
<b>Literature Reader (Hornbill)</b>	ThePortrait of a Lady	We are Not Afraid to Die.. Discovering Tut....	The Adventure	Silk Road,
Poetry	A Photograph	The Laburnum Top The Voice of Rain	Childhood	Father to Son
Supplementary Reader (Snapshots)	The Summer of the Beautiful White Horse	The Address Mother's Day	Birth	The Tale of Melon City
Grammar	Tenses	Tenses, Determiners	Questions on Gap filling , Transformation of sentences	
Writing & Reading	Advertisement , Poster Making , Case based passage Unseen passage, Note making	Poster, article, speech, note making, comprehension ,Case based passage ,Advertisement	Unseen Passage , Notemaking ,Poster , Advertisements	Debate
<b>PHYSICS</b>				
	CH1 Physical World	CH4 Motion in a Plane		
	CH2 Units and Measurements	CH5 Laws of Motion	CH9 MeCHanical Properties of Solids	CH 12 Thermodynamics
	CH3 Motion in a Straight Line	CH6 Work, Energy and Power	CH10 MeCHanical Properties of Fluids	CH13 Kinetic Theory
		CH7 System of Particles and Rotational Motion	CH11 Thermal Properties of Matter	CH14 Oscillations
		CH8 Gravitation + CH 2		CH15 Waves+ ch 10 +CH 9,11
<b>CHEMISTRY</b>	CH-1. Some basic concepts of Chemistry	CH-3. Classification of elements and periodicity in properties CH-4. Chemical bonding and molecular structure		
	CH-2. Structure of atom		CH-6. Equilibrium	
		CH-5. Thermodynamics +CH 1,2	CH-7. Redox reactions	CH-8. Organic CHEmistry- some basic principles and teCHniques
			CH-8. Organic CHEmistry- some basic principles and teCHniques	CH-9. Hydrocarbons + UT II

<b>BIOLOGY</b>	CH 1 The living world	Ch 4 Animal kingdom	CH 15 Plant growth and development	CH 18 Body fluids and circulation
	CH 2 Biological classification	Ch 5 morphology of flowering plant	CH 16 Digestion and absorption	CH 19 Excretory product and their elimination
	CH 3 Plant Kingdom	Ch 6 Anatomy of flowering plants	CH 17 Breathing and exCHange of gases	CH 20 locomotion and movement
		Ch 8 cell: the unit of life	CH 14 Respiration in plants	CH 21 Neural control and co-ordination
		Ch 9 Biomolecules		CH 22 CHemical co-ordination and integration
		Ch 10 Cell cycle and Cell division		CH 13 Photosynthesis in higher plants
		ch 4 Complex numbers		
		ch 6 Linear inequality5		
<b>MATHEMATICS</b>	ch 1 Sets	ch 6 Permutation and combinations	ch 8 Sequence and series	ch-10 Conic Sections (Ex- 10.3 and 10.4)
	ch 2 Relation and function	Ch-7 Binomial Theorem	ch 9 Straight lines	ch 12 Limits and Derivatives
	ch 3 Trigonometric Functions		ch-10 Conic Sections (Ex- 10.1 and 10.2)	ch-13 Probability
			ch 11 Introduction to 3-D	
<b>PHYSICAL EDUCATION</b>	CH 1.Changing trends and career in physical education	CH 3.Physical fitness wellness and lifestyle	CH-6Physical activities and leadership traning	CH-9 Psychology and sports
	CH 2.Olympic value education	CH 4.Physical education and sports for CWSN	ch 7 Test , measurement and evaluation	Ch-10 Tranning and Doping in spors
	CH 3 PHYSICAL FITNESS WELLNESSAND LIFESTYLE	CH 5.Yoga + UT I	ch 8.Fundamentals of anatomy, physiology	UT II
<b>COMPUTER SCIENCE</b>	Introduction of computer	Lists	Dictionary	Data Handling
	Number sysytem	Tuples and Dictionary	String	Conditional and Iterative Statement
	Bollean algebra	String		String Manipulation
	Python basic fundamental			List and Tuples
				Dictionary
				Cyber Safety
				Data Representation